

**WHAT IS CLAIMED IS:**

1           1. A heat dissipator comprising:

2           a top casing being a ring and having multiple equally spaced legs extending  
3           upward and each leg having a first pin extending out from a bottom of the leg;

4           a middle casing being a ring and having multiple holes defined to receive  
5           therein a corresponding one of the first pins of the top casing and multiple second pins  
6           extending out in a direction the same as that of the first pins;

7           a bottom casing being a ring and having multiple assembly blocks formed on an  
8           outer periphery of the bottom casing and each assembly block having a positioning hole  
9           defined therethrough and multiple assembly holes each defined between a joint between  
10          the assembly block and the outer periphery of the bottom casing to correspond to and  
11          receive therein the second pins;

12          a first fan received in a combination of the top, middle and bottom casings and  
13          having a first fan blade assembly and a first shaft connected to the first fan blade  
14          assembly; and

15          a second fan having a second fan blade assembly, a second shaft securely  
16          connected to the second fan blade assembly and the first shaft and multiple arms  
17          divergently extending out from the second shaft to securely engage with an inner  
18          periphery of the bottom casing so as to position a combination of the first fan and the  
19          second fan inside the combination of the top, middle and bottom casings,

20          whereby the combination of the first fan and the second fan is able to increase  
21          the air pressure and air flow to increase heat dissipation efficiency.

22          2. The heat dissipator as claimed in claim 1, wherein the middle casing has  
23          recessed areas and the holes are respectively defined in a bottom surface of the recessed

- 1 area so that after the first pin of one of the legs are inserted into the holes, an outer
- 2 surface of the leg is flush with an outer surface of the middle casing.